

[NAME OF THE DOCUMENT] CLAIMS

[Claim 1]

A hall display device for an elevator comprising:

an elevator group supervisory control apparatus that controls a plurality of elevator cars; and

a destination floor registration device that is connected to said elevator group supervisor control apparatus, and installed in each of halls corresponding to service floors for said plurality of elevator cars, said destination floor registration device having destination buttons and assigned car display panels that are arranged adjacent to said destination buttons, respectively;

said elevator group supervisor control apparatus including:

a hall destination call registration section that registers a hall destination call corresponding to an operation of said destination button;

an assigned car decision section that decides an assigned car that is to respond to said hall destination call;

an assigned car display mode control section that sets a display mode of said assigned car; and

an assigned car display section that makes said assigned car displayed on one of said assigned car display panels in the display mode set by said assigned car display mode control section;

wherein when said hall destination call is registered and said assigned car is decided in response to the operation of said destination button, said assigned car is displayed on said one assigned car display panel; and

said assigned car display mode control section sets the display of said assigned car to a first display mode over a period of time from the start of the display of said assigned car on said one assigned car display panel until a predetermined time has elapsed, and sets the display of said assigned car to a second display mode after said predetermined time has elapsed from the start

of the display of said assigned car.

[Claim 2]

The hall display device for an elevator as set forth in claim 1, wherein said elevator group supervisory control apparatus includes a hall destination button operation detection section that detects an operation state of each of said destination buttons; and

said elevator group supervisory control apparatus sets the display of said assigned car to a first display mode over a period of time from a time point at which said one destination button is operated in response to a detection signal from said hall destination button operation detection section until said predetermined time has elapsed, and sets the display of said assigned car to a second display mode after said predetermined time has elapsed from the operation of said one destination button.

[Claim 3]

The hall display device for an elevator as set forth in claim 1 or 2, wherein

said destination floor registration device includes a plurality of destination floor registration devices that have the same construction with respect to one another, and are installed in one and the same hall in parallel to one another; and

when said hall destination call is registered and said assigned car is decided in response to an operation of one of said individual destination buttons of said plurality of destination floor registration devices, said assigned car display mode control section and said assigned car display section make said assigned car displayed on an individual assigned car display panel of each of said plurality of destination floor registration devices in a display mode set by said assigned car display mode control section, and at the same time sets only the display of said assigned car on an assigned car display panel of one of said destination floor registration devices in which said one destination

button has been operated, among said plurality of destination floor registration devices, to a first display mode over a period of time from the start of the display of said assigned car on said assigned car display panels until said predetermined time has elapsed.

[Claim 4]

The hall display device for an elevator as set forth in any one of claims 1 through 3, wherein

    said first display mode is a blinking display; and

    said second display mode is a lighting display.

[Claim 5]

The hall display device for an elevator as set forth in any one of claims 1 through 4, wherein

    said first display mode is a first color display; and

    said second display mode is a second color display different from said first color display.